



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: October 24, 2016

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

Executive Summary *(if not budgeted please explain):*

For information only.

Attachments *(please list):*

*September 2016 Outage Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

**City of St. Charles
September 2016 Outages**

OUTAGE No.	DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE/RESPONSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
1	9/1/2016	8:15 a.m.	111	11 N 3rd St	313	Shut off power for service upgrade	4	444	Scheduled	Customer
1	9/1/2016	8:29 a.m.	23	11 N 3rd St	313	Shut off power for service upgrade	4	92	Scheduled	Customer
2	9/2/2016	1:52 a.m.	73	100 block of McKinley St & Horne St	331	Squirrel caused outage	12	876	Animal	Squirrel
3	9/3/2016	8:00 a.m.	510	600 Industrial Dr	514	Shut off power / Replacing pole for new service	1	510	Scheduled	SCMEU
4	9/8/2016	9:50 a.m.	37	105 S Industrial Dr	514	Cutout door failed / Replaced fuses & cutout doors - restored power	1	37	Equipment	Switch
5	9/10/2016	9:03 p.m.	72	S 15th St & Evergreen St	214	Tree close by - raccoon climbing in primary above transformer / Re-Fuse	6	432	Animal	Raccoon
6	9/11/2016	8:37 a.m.	53	Illinois Ave, Walnut Ave between S 2nd to S 5th Ave	332	Squirrel in primary blew lateral fuse / Re-Fuse	37	1,961	Animal	Squirrel
7	9/11/2016	12:40 p.m.	20	Bldgs 148 & 154 in AMLI - Lakeshore Dr	715	Secondary wire rubbed against bolt inside cabinet & finally rubbed through insulation	16	320	Equipment	Service
8	9/13/2016	2:22 a.m.	0	Rt 25, Q Center, Hunt Club, Fox Chase, Illinois St, Oak St, Indiana St	333/334	Cable fault on Winners Cup Cir / Instantaneous breaker operation before fuses blew	857	0	Equipment	Cable
8	9/13/2016	2:22 a.m.	120	1200-1400 Winners Cup Cir, Hawkins Ct, Keim Tr, Keim Ct	334	Single phase cable fault between 1210-1222 Winners Cup Cir / Isolate bad cable, test, energize, loop from alternate source, schedule for injection.	39	4,680	Equipment	Cable
9	9/14/2016	12:51 p.m.	0	Covington Ct, Lincoln Hwy	622	Cable fault on old St. Charles Mall property. Momentary recloser operation until fuse blew.	482	0	Equipment	Cable
9	9/15/2016	12:51 p.m.	124	Covington Ct, Lincoln Hwy	622	Cable fault on old St. Charles Mall property.	106	13,144	Equipment	Cable
10	9/15/2016	2:13 p.m.	41	19th St, Walnut Dr, Fairview Dr, Wessel Ct	622	While attempting to restore power from cable fault, switchgear fuse failed to isolate the outage, Causing breaker lockout. Isolate, pick up from another circuit.	433	17,753	Equipment	Fuse
11	9/19/2016	9:45 a.m.	35	1753-1764 Wessel Ct	622	Shut off power / Replaced transformer, restored power	14	490	Scheduled	SCMEU
12	9/29/2016	5:08 a.m.	202	1910 Lincoln Hwy	614	No power scheduled outage transformer change-out	1	202	Scheduled	SCMEU
12	9/29/2016	5:08 a.m.	120	1970 Lincoln Hwy	614	No power scheduled outage transformer change-out	1	120	Scheduled	SCMEU

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13	9/30/2016	11:10 a.m.	60	Traffic lights at Randall Rd & Main St; street lights along Randall & Main; & 2395 W Main St	611	Switchgear broken. Found problem during switching related to 9/15 outage. Replaced switch gear, retored power	3	180	Scheduled	SCMEU
						Total of Interrupted Minutes		41,241		
						Total SAIDI*			2.673	
						Total of ComEd Interrupted Minutes		0		
						Total SAIDI without ComEd			2.673	
						*System Average Interruption Duration Index (SAIDI)				